

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000167

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: E05F 15/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: E05F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6002217 A (J.C. STEVENS ET AL), 14 December 1999 (14.12.1999)	1-6
	--	
A	US 6223469 B1 (O. MOLL), 1 May 2001 (01.05.2001)	1-6
	--	

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

22 June 2004

Date of mailing of the international search report

28-06-2004

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Christer Wendenius / MRo

Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT
Information on patent family members

30/04/2004

International application No.

PCT/FI 2004/000167

US	6002217	A	14/12/1999	CA	2301677 A	25/02/1999
				WO	9909640 A	25/02/1999
US	6223469	B1	01/05/2001	AT	247214 T	15/08/2003
				AU	751707 B	22/08/2002
				AU	2273499 A	12/07/1999
				CA	2282273 A	01/07/1999
				CN	1081714 B,T	27/03/2002
				CN	1248310 T	22/03/2000
				DE	19756496 A,C	01/07/1999
				DE	59809281 D	00/00/0000
				DK	963499 T	08/09/2003
				EP	0963499 A,B	15/12/1999
				SE	0963499 T3	
				ES	2202932 T	01/04/2004
				HU	0001653 A	28/09/2000
				NO	313710 B	18/11/2002
				NO	993411 A	09/07/1999
				PL	335192 A	10/04/2000
				WO	9932748 A	01/07/1999